

**2005**

**Virginia Department of Transportation  
Daily Traffic Volume Estimates  
Including Vehicle Classification Estimates**

where available

**Special Locality Report**

**317**

Town of Victoria

Prepared By

**Virginia Department of Transportation  
Traffic Engineering Division**

In Cooperation With

**U.S. Department of Transportation  
Federal Highway Administration**

Virginia Department of Transportation  
Traffic Engineering Division  
Traffic Monitoring Section

The Virginia Department of Transportation (VDOT) conducts a program where traffic count data are gathered from sensors in or along streets and highways and other sources. From these data, estimates of the average number of vehicles that traveled each segment of road are calculated. VDOT periodically publishes booklets listing these estimates.

One of these booklets, titled “Average Daily Traffic Volumes with Vehicle Classification Data, on Interstate, Arterial and Primary Routes” includes a list of each Interstate and Primary highway segment with the estimated Annual Average Daily Traffic (AADT) for that segment. AADT is the total annual traffic estimate divided by the number of days in the year. This booklet also includes information such as estimates of the percentage of the AADT made up by 6 different vehicle types, ranging from cars to double trailer trucks; estimated Annual Average Weekday Traffic (AAWDT), which is the number of vehicles estimated to have traveled the segment of highway during a 24 hour weekday averaged over the year; as well as Peak Hour and Peak Direction factors used by planners to formulate design criteria.

In addition to the Primary and Interstate publication, one hundred books are published periodically, one for each of 100 areas across the state defined by VDOT for record-keeping purposes. These books include traffic volume estimates for roads within the county, cities, and towns within the area. These books are titled “Daily Traffic Volumes Including Vehicle Classification Estimates, where available; Jurisdiction Report numbers 00 through 99”.

Also available are a number of reports summarizing the average Vehicle Miles Traveled (VMT) in selected jurisdictions and other categories of highways. There are many different ways to present traffic volume summary information. Because the user determines the value of each presentation, the reports have been redesigned based on user requests and feedback. The people of the VDOT Traffic Engineering Division Traffic Monitoring Section who produce these books welcome requests for other helpful ways of presenting the summary information.

A compact disc (CD) is available that includes files in the Adobe® Portable Document Format (PDF) that can be displayed, searched, and printed using common desktop computer equipment. The CD includes the publications described above as well as a number of other reports, including specialized VMT summaries and smaller AADT reports for each city and town separately.

## Publication Notes

### Parallel Roads

For road inventory and management purposes, some roadways are counted separately by direction and have separately published traffic estimates for each direction of travel. Examples of such roadways are the interstate system and routes with separated facilities and (usually) one-way traffic facilities in urban areas. In these publications, they are referred to as parallel roads. As a convenience for the users of the publication, the listing for segments of roads with parallel segments are published with both the traffic estimates for their own direction of travel (e.g. I-95 Northbound) as well as the estimate of the total of all traffic on the same route including parallel roadways (all directions of I-95). The publication will have a “Combined Traffic Estimates for Parallel Roadways on this Route” or “Combined Traffic” identifiers for the combined direction of travel estimates.

Roadways such as I-395 with a North segment, a South segment and a separate Reversible lane segment will have the estimate for more than two parallel roadways included in the entire combined traffic estimate.

Some routes have very complicated paths through cities and towns. These parallel paths may be too complex to allow a relationship between nearby sections of the opposite direction on the same route. In this case, to indicate that the traffic estimates for such a road segment may not include all directions of traffic on that route, the line that would list the combined values will indicate “NA” for not available.

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VDOT’s traffic monitoring program includes more than 100,000 segments of roads and highways ranging from several mile sections of Interstate highways to very short sections of city streets. Due to problems experienced obtaining some traffic count data, and the level of quality necessary to maintain confidence in the data, no estimate is currently available for some segments of roadway. These segments are included in the publications indicating “NA” for not available. It is the intention of the VDOT Traffic Engineering Division Traffic Monitoring group to obtain the data necessary and to report traffic volume estimates on all road segments included in these publications.

Many of the road segments in this program are local secondary roads. The amount and detail of data collected on these roads are not as great as the data collected on higher volume roads. The vehicle classification, average weekday traffic volumes, and the theoretical design hour traffic volumes are not calculated for these roads. The publications indicate “NA” for the information that is not available.

This publication is based on a traffic monitoring program initiated in 1997. Because the data collection techniques and statistical evaluation processes are different than those used in previous years, comparison with previous publications may be misleading.

## Glossary of Terms:

**Route:** The Route Number assigned to this segment of roadway with the master inventory route number if this is an overlapping route, with official street or highway name if available.

**Length:** Length of the traffic segment in miles.

**AADT:** Annual Average Daily Traffic. The estimate of typical daily traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year.

### QA: Quality of AADT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- H Historical Estimate
- M Manual Uncounted Estimate
- N AADT of Similar Neighboring Traffic Link
- O Provided By External Source
- R Raw Traffic Count, Unfactored

**4Tire:** Percentage of the traffic volume made up of motorcycles, passenger cars, vans and pickup trucks.

**Bus:** Percentage of the traffic volume made up of busses.

**2Axle Truck:** Percentage of the traffic volume made up of 2 axle single unit trucks (not including pickups and vans).

**3+Axle Truck:** Percentage of the traffic volume made up of single unit trucks with three or more axles.

**1Trail Truck:** Percentage of the traffic volume made up of units with a single trailer.

**2Trail Truck:** Percentage of the traffic volume made up of units with more than one trailer.

### QC: Quality of Classification Data:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- C Short Term Classified Traffic Count Data
- F Factored Short Term Traffic Count Data
- H Historical Estimate
- M Mass Collective Average
- N Classification Estimates of Similar Neighboring Traffic Link

**K Factor:** The estimate of the portion of the traffic volume traveling during the peak hour or design hour.

**QK:** Quality of the Peak Hour estimate:

- A Factor based on 30th Highest Hour Observed During at least 250 days of Continuous Traffic Data
- B Factor based on other Hour Observed During Less than 250 days of Continuous Traffic Data
- F Factor based on Highest Hour Collected at in a 48 Hour Weekday Period
- M Factor based on Manual Estimate of design hour
- N Peak Hour Factor of Similar Neighboring Traffic Link
- O Provided by External Source

**Dir Factor:** The estimate of the portion of the traffic volume traveling in the peak direction during the peak hour..

**AAWDT:** Average Annual Weekday Traffic. The estimate of typical traffic over the period of one year for the days between Monday through Thursday inclusive.

**QW:** Quality of AAWDT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- M Manual Uncounted Estimate
- N AAWDT of Similar Neighboring Traffic Link
- O Provided by External Source

**Year:** Year for which the published values are appropriate. If the Quality of AADT (QA) is "R", the year is the year that the raw traffic count was collected, and if available,

# Route Shield Legend

## Route Systems



Interstate Route

Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.



US Route



Virginia State Route



Frontage Road (F precedes frontage route number)



Secondary Route

## Special Routes



Bus - Business Route

Bypas - Bypass Route

Truck - Truck Route



ALT - Alternate Route

Wve - Wve Route connector



P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.



The VDOT Maintenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

Virginia Department of Transportation  
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 2005  
 Annual Average Daily Traffic Volume Estimates By Section of Route  
 Town of Victoria

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
	From: WCL Victoria															
40 49	Town of Victoria (Maint: 55)	1.08	2900	N	94%	0%	1%	1%	3%	0%	N	0.092	N	0.525	3000	N
	To: SR 49 Lunenburg Court House															
	From: SR 49 Lunenburg Court House															
40	Town of Victoria (Maint: 55)	0.81	5500	G	97%	0%	1%	1%	2%	0%	F	0.088	F	0.551	5700	G
	To: 55-1009															
	From: 55-1009															
40	Town of Victoria (Maint: 55)	0.02	6200	G	97%	0%	1%	1%	2%	0%	C	0.088	F	0.574	6400	G
	To: ECL Victoria															
	From: CL Victoria															
49 40	Town of Victoria (Maint: 55)	1.08	2900	N	94%	0%	1%	1%	3%	0%	N	0.092	N	0.525	3000	N
	To: N SR 40															
	From: N SR 40															
49	Town of Victoria (Maint: 55)	0.51	3800	G	96%	0%	1%	1%	2%	0%	F	0.079	F	0.518	4000	G
	To: 55-1017															
	From: 55-1017															
49	Town of Victoria (Maint: 55)	0.65	3000	G	96%	0%	1%	1%	2%	0%	C	0.086	F	0.574	3100	G
	To: NCL Victoria															

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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Victoria</b>																
653 55	1.02	420	G	98%	0%	From: SR 49				F	0.108	F	0.521	430	G	2005
						To: ECL Victoria										
661 55	0.57	260	R	From: SCL Victoria				NA	NA	NA	05/10/2001					
				To: 55-734												
661 55	0.05	1100	R	From: 55-1024				NA	NA	05/10/2001						
				To: SR 40												
661 55	0.18	2600	R	From: Dead End				NA	NA	05/10/2001						
				To: 55-1011												
662 55	0.07	20	R	From: 55-1011				F	0.173	F	0.529	80	G	2005		
				To: 55-1038												
662 55	0.26	190	G	97%	1%	1%	1%	0%	0%	F	0.151	F	0.679	200	G	2005
662 55	0.06	540	G	97%	1%	1%	1%	0%	0%	F	0.11	F	0.512	560	G	2005
662 55	0.10	510	G	97%	1%	1%	1%	0%	0%	F	0.107	F	0.624	530	G	2005
662 55	0.46	1400	G	97%	1%	1%	1%	0%	0%	C	0.113	F	0.630	1400	G	2005
662 55	0.22	1300	G	97%	1%	1%	1%	0%	0%	F	0.104	F	0.629	1300	G	2005
667 55	0.26	250	R	From: WCL Victoria				NA	NA	05/12/2004						
				To: 55-1008												
726 55	0.25	140	R	From: SR 49				NA	NA	05/04/2004						
				To: NCL Victoria												
734 55	0.95	770	G	93%	0%	1%	5%	0%	0%	F	0.099	F	0.547	800	G	2005
738 55	0.20	90	R	From: SR 40				NA	NA	04/02/2001						
				To: 55-1055												
1001 55	0.05	650	R	From: SR 40				NA	NA	05/07/2001						
				To: 55-662												
1001 55	0.08	780	G	98%	0%	1%	0%	0%	0%	F	0.091	F	0.576	810	G	2005
1001 55	0.27	430	G	98%	0%	1%	0%	0%	0%	C	0.097	F	0.565	440	G	2005
1001 55	0.79	260	G	98%	0%	1%	0%	0%	0%	F	0.108	F	0.563	270	G	2005
1002 55	0.07	970	G	97%	1%	2%	0%	0%	0%	C	0.104	F	0.51	1000	G	2005
1002 55	0.07	580	G	97%	1%	2%	0%	0%	0%	F	0.098	F	0.595	600	G	2005
1002 55	0.08	490	G	97%	1%	2%	0%	0%	0%	F	0.095	F	0.553	510	G	2005

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Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Victoria</b>																
1002 55	0.61	200	G	97%	1%	2%	0%	0%	0%	F	0.102	F	0.609	210	G	2005
1003 55	0.21	160	R								NA		NA			05/07/2001
1003 55	0.17	390	R								NA		NA			05/07/2001
1004 55	0.07	60	R								NA		NA			05/07/2001
1004 55	0.15	270	R								NA		NA			05/07/2001
1004 55	0.22	160	R								NA		NA			03/24/2001
1005 55	0.12	20	R								NA		NA			04/02/2001
1005 55	0.20	440	R								NA		NA			05/07/2001
1005 55	0.18	140	R								NA		NA			03/24/2001
1005 55	0.06	47	R								NA		NA			03/24/2001
1006 55	0.20	140	R								NA		NA			03/24/2001
1006 55	0.15	100	R								NA		NA			03/24/2001
1007 55	0.30	100	R								NA		NA			03/24/2001
1008 55	0.03	390	R								NA		NA			05/14/2001
1008 55	0.40	110	R								NA		NA			05/14/2001
1008 55	0.03	290	R								NA		NA			05/14/2001
1008 55	0.07	320	R								NA		NA			05/14/2001
1009 55	0.16	290	R								NA		NA			05/25/2004
1010 55	0.06	60	R								NA		NA			04/17/2001
1010 55	0.07	50	R								NA		NA			04/17/2001
1010 55	0.20	90	R								NA		NA			03/24/2001
1010 55	0.07	80	R								NA		NA			03/24/2001

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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Victoria</b>																
1010 55	0.08	80	R			From: 55-1004					NA			NA		03/24/2001
1010 55	0.10	40	R			From: 55-1003					NA			NA		03/24/2001
						To: Dead End										
1011 55	0.08	450	R			From: SR 40					NA			NA		05/07/2001
1011 55	0.16	180	R			From: 55-662					NA			NA		05/07/2001
1011 55	0.08	150	R			From: 55-1019					NA			NA		05/07/2001
1011 55	0.50	30	R			From: 55-1010					NA			NA		04/17/2001
						To: Dead End										
1012 55	0.32	210	R			From: SR 40					NA			NA		04/24/2001
						To: 55-1010										
1013 55	0.18	220	R			From: SR 40					NA			NA		04/24/2001
1013 55	0.08	40	R			From: 55-1020					NA			NA		04/24/2001
						To: 55-1019										
1014 55	0.26	310	R			From: Dead End					NA			NA		03/24/2001
1014 55	0.07	70	R			From: 55-1019					NA			NA		03/24/2001
						To: 55-1010										
1015 55	0.02	400	R			From: Dead End					NA			NA		05/14/2001
1015 55	0.07	440	R			From: SR 40					NA			NA		05/14/2001
1015 55	0.08	140	R			From: 55-662					NA			NA		05/14/2001
						To: 55-1020										
1016 55	0.14	120	R			From: 55-1021					NA			NA		05/07/2001
1016 55	0.08	140	R			From: 55-1020					NA			NA		05/07/2001
						To: 55-1019										
1017 55	0.20	230	R			From: 55-662					NA			NA		03/24/2001
						To: SR 49										
1018 55	0.23	210	R			From: 55-1021					NA			NA		04/02/2001
						To: 55-1019										
1019 55	0.07	30	R			From: 55-1011					NA			NA		04/17/2001
1019 55	0.07	30	R			From: 55-1012; Gap Terminus					NA			NA		04/17/2001
						To: 55-1013; Gap Terminus										
1019 55	0.06	60	R			From: 55-1014					NA			NA		05/07/2001
						To: 55-1001; Gap Terminus										

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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Victoria</b>																
1019 55	0.08	50	R													05/07/2001
1019 55	0.16	190	R													05/07/2001
1019 55	0.22	210	R													04/24/2001
1019 55	0.16	60	R													04/24/2001
1020 55	0.03	20	R													04/17/2001
1020 55	0.18	80	R													03/24/2001
1020 55	0.20	130	R													05/07/2001
1020 55	0.40	140	R													04/02/2001
1020 55	0.07	50	R													04/02/2001
1021 55	0.21	270	G	100%	0%	0%	0%	0%	0%	C	0.102	F	0.536	280	G	2005
1021 55	0.07	160	R													04/02/2001
1021 55	0.13	100	R													04/02/2001
1022 55	0.04	110	R													05/14/2001
1023 55	0.15	49	R													04/02/2001
1024 55	0.20	290	R													04/17/2001
1024 55	0.20	490	G	93%	1%	1%	1%	4%	0%	F	0.129	F	0.569	500	G	2005
1024 55	0.38	1300	G	93%	1%	1%	1%	4%	0%	C	0.105	F	0.570	1400	G	2005
1025 55	0.04	45	R													04/17/2001
1025 55	0.19	40	R													04/17/2001
1025 55	0.07	60	R													04/17/2001
1025 55	0.07	60	R													04/17/2001
1025 55	0.32	100	R													04/17/2001

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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Victoria</b>																
(1026/55)	0.06	49	R									NA		NA		04/17/2001
(1026/55)	0.06	90	R									NA		NA		04/17/2001
(1026/55)	0.13	90	R									NA		NA		04/17/2001
(1026/55)	0.20	80	R									NA		NA		04/17/2001
(1027/55)	0.33	120	R									NA		NA		04/17/2001
(1027/55)	0.27	130	R									NA		NA		04/17/2001
(1027/55)	0.12	200	R									NA		NA		04/17/2001
(1028/55)	0.32	230	R									NA		NA		04/17/2001
(1028/55)	0.05	420	R									NA		NA		04/17/2001
(1029/55)	0.19	110	R									NA		NA		04/17/2001
(1029/55)	0.05	240	R									NA		NA		04/17/2001
(1030/55)	0.13	40	R									NA		NA		04/02/2001
(1030/55)	0.07	70	R									NA		NA		04/02/2001
(1031/55)	0.19	50	R									NA		NA		04/02/2001
(1031/55)	0.12	80	R									NA		NA		04/02/2001
(1032/55)	0.07	20	R									NA		NA		04/02/2001
(1032/55)	0.12	20	R									NA		NA		04/02/2001
(1032/55)	0.12	50	R									NA		NA		04/02/2001
(1033/55)	0.35	47	R									NA		NA		04/02/2001
(1033/55)	0.07	60	R									NA		NA		04/02/2001
(1034/55)	0.10	20	R									NA		NA		05/25/2004
(1034/55)	0.10	48	R									NA		NA		05/25/2004

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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Victoria</b>																
1035 55	0.09	90	R											NA		04/02/2001
1036 55	0.04	9	R											NA		04/17/2001
1036 55	0.12	110	R											NA		04/17/2001
1037 55	0.06	110	R											NA		04/17/2001
1037 55	0.11	220	R											NA		04/17/2001
1037 55	0.05	40	R											NA		04/17/2001
1038 55	0.08	110	R											NA		03/24/2001
1038 55	0.09	47	R											NA		03/24/2001
1039 55	0.05	60	R											NA		04/17/2001
1039 55	0.07	40	R											NA		04/17/2001
1040 55	0.19	60	R											NA		04/17/2001
1041 55	0.07	70	R											NA		04/02/2001
1041 55	0.16	70	R											NA		04/02/2001
1042 55	0.20	280	R											NA		04/17/2001
1042 55	0.05	160	R											NA		04/17/2001
1043 55	0.14	30	R											NA		03/24/2001
1044 55	0.11	49	R											NA		04/02/2001
1044 55	0.05	80	R											NA		04/02/2001
1045 55	0.06	30	R											NA		03/24/2001
1046 55	0.25	110	R											NA		03/24/2001

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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Victoria</b>																
1047 55	0.17	90	R			From: 55-1026					NA			NA		04/17/2001
						To: 55-1024										
1048 55	0.05	60	R			From: Dead End					NA			NA		04/02/2001
						To: SR 40										
1049 55	0.04	20	R			From: 55-1007					NA			NA		05/07/2001
						To: Dead End										
1055 55	0.33	250	R			From: 55-661					NA			NA		05/10/2001
						To: 55-1001										